

What is claimed is:

1. A two-piece adjustable auto-search alarm device,
comprising:

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a master controller having a housing and more than
one LED lamp provided on said housing;

10 a secondary controller having a case and more than
one LED lamp provided on said case;

15 a master signal transmitter provided in said master
controller for transmitting a signal of a specific
frequency;

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a secondary signal receiver provided in said
secondary controller for receiving said signal
transmitted from said master signal transmitter;

20 a secondary signal transmitter provided in said
secondary controller for transmitting a signal of
a specific frequency, and including a secondary power
supply;

25 a master signal receiver provided in said master

controller for receiving said signal transmitted from said secondary signal transmitter;

5 a master frequency regulator provided in said master controller for regulating a signal transmitting frequency of said master signal transmitter; and

10 a master operation unit provided in said master controller for conducting an operation on said signal transmitted from said secondary signal transmitter, and including a master power supply;

15 said master frequency regulator being adjustable to enable different signal transmitting ranges, and said master controller being unable to receive a signal from said secondary signal transmitter that is either located beyond said signal transmitting range set with said master frequency regulator or fails to feed back a signal to said master controller due to, for example, losing a power supply; and said LED lamps provided on said master and said secondary controller becoming on at the same time as soon as said master signal receiver does not receive a signal transmitted from said secondary signal transmitter.

2. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said master controller further includes a master buzzer.

5 3. The two-piece adjustable auto-search alarm device as claimed in claim 2, wherein said master buzzer emits sounds in response to a signal sent from said master operation unit.

10 4. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller further includes a secondary buzzer.

15 5. The two-piece adjustable auto-search alarm device as claimed in claim 4, wherein said secondary buzzer emits sounds when said secondary controller does not have power supplied thereto.

20 6. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said LED lamps provided on said master controller include more than one tricolor LED lamp, a bicolor LED lamp, and a power light.

25 7. The two-piece adjustable auto-search alarm device

as claimed in claim 1, wherein said master signal receiver is adapted to receive signals separately transmitted from one or more secondary signal transmitters.

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8. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to a battery of a mobile phone.

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9. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to a battery of a personal digital assistant.

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10. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to an individual pump motor included in a water-pumping system for a build.

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11. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said secondary controller may be connected to an individual motor included in a water-pumping system for a fish farm.

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12. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said master frequency regulator includes a frequency-regulating knob provided on said housing of said master controller.

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13. The two-piece adjustable auto-search alarm device as claimed in claim 1, wherein said master controller is provided on said housing with an LCD screen.